

Package ‘MAQCsubsetILM’

October 16, 2021

Title MAQC data subset for the Illumina platform

Version 1.30.0

Author Laurent Gatto

Description MAQC data subset for the Illumina platform

Maintainer Laurent Gatto <lg390@cam.ac.uk>

Depends R (>= 2.10), Biobase (>= 2.5.5), lumi

License Artistic-2.0

biocViews ExperimentData, Homo_sapiens_Data, MicroarrayData

LazyLoad yes

git_url <https://git.bioconductor.org/packages/MAQCsubsetILM>

git_branch RELEASE_3_13

git_last_commit bb8e755

git_last_commit_date 2021-05-19

Date/Publication 2021-10-16

R topics documented:

refA	1
refB	2
refC	2
refD	3

Index	4
--------------	----------

refA	<i>MAQC reference data for the Illumina platform</i>
------	--

Description

A subset of the MAQC's 'A' RNA reference dataset

Format

an object of type "LumiBatch"

Details

The Microarray Quality Control Consortium (MAQC) has generated a reference dataset of Human-6 BeadChip 48K v1.0 from 100% of Stratagene Universal Reference RNA. Three different test (_1_ to _3_) sites have processed this reference in 5 replicates (A1 to A5).

See Also

refB, refC, refD

refB

MAQC reference data for the Illumina platform

Description

A subset of the MAQC's 'B' RNA reference dataset

Format

an object of type "LumiBatch"

Details

The Microarray Quality Control Consortium (MAQC) has generated a reference dataset of Human-6 BeadChip 48K v1.0 from 100% of Ambion Brain Reference RNA. Three different test (_1_ to _3_) sites have processed this reference in 5 replicates (B1 to B5).

See Also

refA, refC, refD

refC

MAQC reference data for the Illumina platform

Description

A subset of the MAQC's 'C' RNA reference dataset

Format

an object of type "LumiBatch"

Details

The Microarray Quality Control Consortium (MAQC) has generated a reference dataset of Human-6 BeadChip 48K v1.0 from 75 RNA and 25 have processed this reference in 4 (site 1) or 5 replicates (C1 to C5).

See Also

refA, refB, refD

refD

MAQC reference data for the Illumina platform

Description

A subset of the MAQC's 'D' RNA reference dataset

Format

an object of type "LumiBatch"

Details

The Microarray Quality Control Consortium (MAQC) has generated a reference dataset of Human-6 BeadChip 48K v1.0 from 25 RNA and 75 have processed this reference in 5 replicates (D1 to D5).

See Also

refA, refB, refC

Index

* datasets

refA, 1
refB, 2
refC, 2
refD, 3

refA, 1
refB, 2
refC, 2
refD, 3